Red Hat
3scale API Management

3scale toolbox

Why and how you should be using it

Phillip Hagerman
Middleware Technical
Account Manager

Red Hat

Agenda:

What the toolbox can do

Why you should be using it

Demonstration

Q&A

Red Hat

What the 3scale toolbox can do

Red Hat

Inspect/manipulate the following objects:

▶ Services

▶ Products

▶ Remotes

▶ Application plans

▶ Metrics

▶ Methods

▶ ActiveDocs

▶ Applications

▶ Backends

Export and import the following objects:

- ▶ Products
- ▶ Policy chains

Red Hat

List and inspect key objects available in the admin console

Copy objects from one system to another

Export some objects to a file

Import some objects from a file

Why you should be using it

Red Hat

API creators – automate your workflows!

Focus on the API and worry less about the process

Create whole products (front and back) with a single command

```
3scale import openapi [opts] -d <destination> <spec>
```

Uses an OpenAPI Specification file as input

Can be managed by version control

```
---
openapi: "3.0.2"
info:
  title: "some title"
  description: "some description"
  version: "1.0.0"
servers:
  - url: https://petstore.swagger.io/v1
paths:
  /pet:
    get:
      operationId: "getPet"
      responses:
        405:
          description: "invalid input"
security:
  - petstore_api_key: []
components:
  securitySchemes:
    petstore_api_key:
      type: apiKey
      name: user_key
      in: query
```

Copy Copy Copy

Use the toolbox to copy:

```
3scale copy service <service_id> --source=<remote> --destination=<remote>
--target_system_name=<new_name>
```

```
3scale update [opts] service --source=<remote> --destination=<remote> <source_id>
<destination_id>
```

```
3scale policy-registry copy [opts] <source_remote> <target_remote>
```
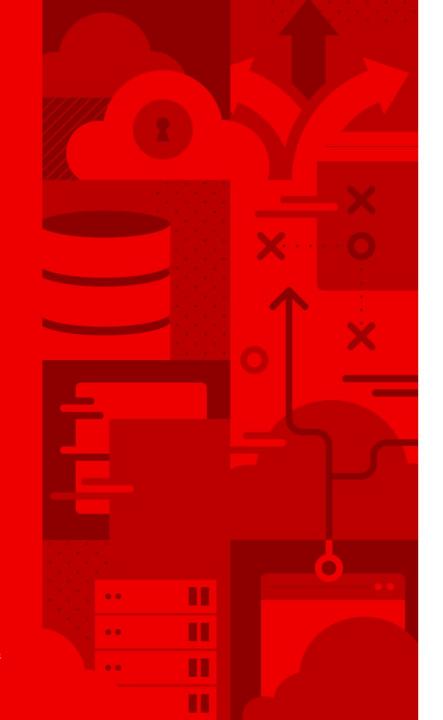
```
3scale backend copy [opts] -s <source_remote> -d <target_remote> <source_backend>
```

```
3scale product copy [opts] -s <source_remote> -d <target_remote> <source_product>
```

Store exported products under version control

```
3scale product export [-f output-file] <remote> <product>
```
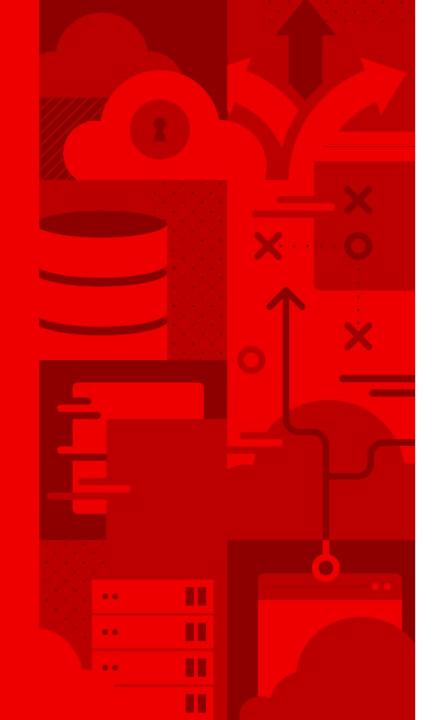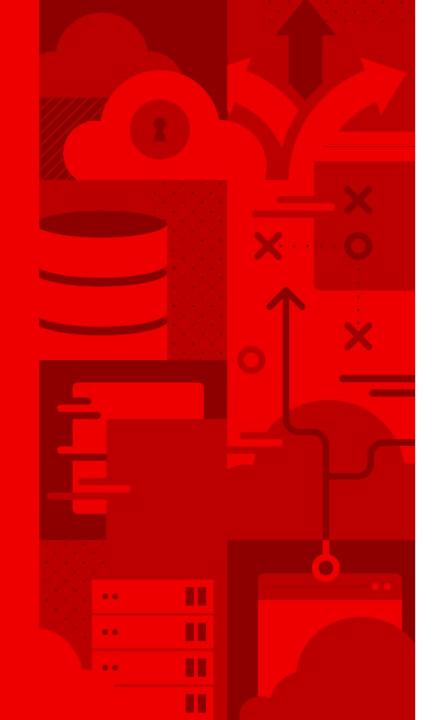
Create/import product directly from file

```
3scale product import [opts] <remote>
```

Demo

Q&A

Red Hat

Links

Toolbox Main [Documentation](#)

Importing OpenAPI Spec [Documentation](#)

Example services [import file](#)

Today's GitHub repo: https://github.com/3scale-demos/3scale-toolbox-demo

Red Hat

Thank you

Red Hat is the world's leading provider of enterprise open source software solutions. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500.

linkedin.com/company/red-hat

youtube.com/user/RedHatVideos

facebook.com/redhatinc

twitter.com/RedHat

Red Hat